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DATE: Wednesday, May 31, 2006

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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L10	L9 not l8	6
<input type="checkbox"/>	L9	L3 with (gene or sequence)	8
<input type="checkbox"/>	L8	L2 with (gene or sequence)	2
<input type="checkbox"/>	L7	l3 and tissierella	1
<input type="checkbox"/>	L6	l2 and tissierella	0
<input type="checkbox"/>	L5	L3 and l2	3
<input type="checkbox"/>	L4	L3 not l2	82
<input type="checkbox"/>	L3	creatinine deiminase	85
<input type="checkbox"/>	L2	creatinine deaminase	25
		<i>DB=EPAB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L1	1325958	1

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20050084930 A1

Using default format because multiple data bases are involved.

L7: Entry 1 of 1

File: PGPB

Apr 21, 2005

PGPUB-DOCUMENT-NUMBER: 20050084930

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050084930 A1

TITLE: Nucleotide sequence for creatinine deiminase and method of use

PUBLICATION-DATE: April 21, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Gottschalk, Ellen-Marie	Norten-Hardenberg		DE
Gottschalk, Gerhard	Norten-Hardenberg		DE
Schmitz-Streit, Ruth Anne	Gottingen		DE
Thormann, Kai	Gottingen		DE

US-CL-CURRENT: [435/69.1](#); [435/191](#), [435/252.3](#), [435/320.1](#), [435/472](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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Terms	Documents
L3 and tissierella	1

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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20060084152 A1

Using default format because multiple data bases are involved.

L8: Entry 1 of 2

File: PGPB

Apr 20, 2006

PGPUB-DOCUMENT-NUMBER: 20060084152

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060084152 A1

TITLE: Corynebacterium glutamicum genes encoding metabolic pathway proteins

PUBLICATION-DATE: April 20, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Pompejus; Markus	Freinsheim		DE
Kroger; Burkhard	Limburgerhof		DE
Schroder; Hartwig	Nussloch		DE
Zelder; Oskar	Speyer		DE
Haberhauer; Gregor	Limburgerhof		DE

US-CL-CURRENT: 435/113; 435/115, 435/252.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RIMC	Draw Data
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☐ 2. Document ID: US 20030049804 A1

L8: Entry 2 of 2

File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030049804

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030049804 A1

TITLE: Corynebacterium glutamicum genes encoding metabolic pathway proteins

PUBLICATION-DATE: March 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Pompejus, Markus	Freinsheim		DE
Kroger, Burkhard	Limburgerhof		DE
Schroder, Hartwig	Nussloch		DE

Zelder, Oskar	Speyer	DE
Haberhauer, Gregor	Limburgerhof	DE
Kim, Jun-Won	Seoul	KR
Lee, Heung-Shick	Seoul	KR
Hwang, Byung-Joon	Seoul	KR

US-CL-CURRENT: [435/115](#); [435/183](#), [435/252.3](#), [435/320.1](#), [435/69.1](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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 Clear	Generate Collection	Print	Fwd Refs	Blwd Refs	Generate OACS
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Terms	Documents
L2 with (gene or sequence)	2

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Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 20050260707 A1

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L10: Entry 1 of 6

File: PGPB

Nov 24, 2005

PGPUB-DOCUMENT-NUMBER: 20050260707

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050260707 A1

TITLE: Corynebacterium glutamicum genes encoding metabolic pathway proteins

PUBLICATION-DATE: November 24, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Pompejus, Markus	Freinsheim		DE
Kroger, Burkhard	Limburgerhof		DE
Schroder, Hartwig	Nussloch		DE
Zelder, Oskar	Speyer		DE
Haberhauer, Gregor	Limburgerhof		DE

US-CL-CURRENT: [435/69.1](#); [435/106](#), [435/193](#), [435/252.3](#), [435/471](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 2. Document ID: US 20050084930 A1

L10: Entry 2 of 6

File: PGPB

Apr 21, 2005

PGPUB-DOCUMENT-NUMBER: 20050084930

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050084930 A1

TITLE: Nucleotide sequence for creatinine deiminase and method of use

PUBLICATION-DATE: April 21, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Gottschalk, Ellen-Marie	Norten-Hardenberg		DE
Gottschalk, Gerhard	Norten-Hardenberg		DE
Schmitz-Streit, Ruth Anne	Gottingen		DE

Thormann, Kai

Gottingen

DE

US-CL-CURRENT: [435/69.1](#); [435/191](#), [435/252.3](#), [435/320.1](#), [435/472](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K00C	Draw De
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☐ 3. Document ID: JP 07143881 A

L10: Entry 3 of 6

File: JPAB

Jun 6, 1995

PUB-NO: JP407143881A

DOCUMENT-IDENTIFIER: JP 07143881 A

TITLE: DNA CONTAINING GENETIC INFORMATION OF PROTEIN HAVING CREATININE DEIMINASE
ACTIVITY AND PRODUCTION OF CRETININE DEIMINASE

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K00C	Draw De
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☐ 4. Document ID: EP 1325958 A1

L10: Entry 4 of 6

File: EPAB

Jul 9, 2003

PUB-NO: EP001325958A1

DOCUMENT-IDENTIFIER: EP 1325958 A1

TITLE: Genetic sequence coding for creatinine deiminase, and its use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K00C	Draw De
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☐ 5. Document ID: CA 2445602 A1, US 20050084930 A1

L10: Entry 5 of 6

File: DWPI

Apr 20, 2005

DERWENT-ACC-NO: 2005-305183

DERWENT-WEEK: 200533

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TITLE: New nucleic acid sequence encoding creatinine deiminase, useful for
determining creatinine concentration in a sample, e.g. plasma, serum, or urine

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K00C	Draw De
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☐ 6. Document ID: DE 10200386 A1, EP 1325958 A1

L10: Entry 6 of 6

File: DWPI

Jul 17, 2003

DERWENT-ACC-NO: 2003-543937

DERWENT-WEEK: 200355

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TITLE: New nucleic acid encoding creatinine deiminase, useful for preparing
recombinant enzyme for determining creatine concentrations in the diagnosis of

kidney disease

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Data
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Terms

Documents

L9 not L8

6

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NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 JAN 17 Pre-1988 INPI data added to MARPAT
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visualization results
NEWS 5 FEB 22 The IPC thesaurus added to additional patent databases on STN
NEWS 6 FEB 22 Updates in EPFULL; IPC 8 enhancements added
NEWS 7 FEB 27 New STN AnaVist pricing effective March 1, 2006
NEWS 8 MAR 03 Updates in PATDPA; addition of IPC 8 data without attributes
NEWS 9 MAR 22 EMBASE is now updated on a daily basis
NEWS 10 APR 03 New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS 11 APR 03 Bibliographic data updates resume; new IPC 8 fields and IPC
thesaurus added in PCTFULL
NEWS 12 APR 04 STN AnaVist \$500 visualization usage credit offered
NEWS 13 APR 12 LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS 14 APR 12 Improved structure highlighting in FQHIT and QHIT display
in MARPAT
NEWS 15 APR 12 Derwent World Patents Index to be reloaded and enhanced during
second quarter; strategies may be affected
NEWS 16 MAY 10 CA/CAPLUS enhanced with 1900-1906 U.S. patent records
NEWS 17 MAY 11 KOREAPAT updates resume
NEWS 18 MAY 19 Derwent World Patents Index to be reloaded and enhanced
NEWS 19 MAY 30 IPC 8 Rolled-up Core codes added to CA/CAPLUS and
USPATFULL/USPAT2
NEWS 20 MAY 30 The F-Term thesaurus is now available in CA/CAPLUS

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
<http://download.cas.org/express/v8.0-Discover/>

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=> s creatinine (w) (deiminase or deaminase)
L1 346 CREATININE (W) (DEIMINASE OR DEAMINASE)

=> s l1 and tissierella
L2 5 L1 AND TISSIERELLA

=> dup rem l2
PROCESSING COMPLETED FOR L2
L3 2 DUP REM L2 (3 DUPLICATES REMOVED)

=> d 1,2

L3 ANSWER 1 OF 2 BIOTECHDS COPYRIGHT 2006 THE THOMSON CORP. on STN
DUPLICATE 1
AN 2005-15049 BIOTECHDS
TI New nucleic acid sequence encoding ***creatinine*** ***deiminase***
, useful for determining creatinine concentration in a sample, e.g.
plasma, serum, or urine;
production of a recombinant ***creatinine*** - ***deiminase***
useful for the detection and analysis of cretinine concentration
AU GOTTSCHALK E; GOTTSCHALK G; SCHMITZ-STREIT R A; THORMANN K
PA GOTTSCHALK E; GOTTSCHALK G; SCHMITZ-STREIT R A; THORMANN K
PI US 2005084930 21 Apr 2005
AI US 2003-689564 20 Oct 2003
PRAI US 2003-689564 20 Oct 2003; US 2003-689564 20 Oct 2003
DT Patent
LA English
OS WPI: 2005-305183 [31]

L3 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 2
AN 2003:529390 HCAPLUS
DN 139:81322
TI A highly selective ***creatinine*** ***deiminase*** from
Tissierella for use in the enzymic determination of creatinine and
the gene encoding in
IN Gottschalk, Ellen-Marie; Gottschalk, Gerhard; Schmitz-Streit, Ruth Anne;

Thormann, Kai
PA Campusgen GmbH, Germany
SO Eur. Pat. Appl., 31 pp.
CODEN: EPXXDW
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1325958	A1	20030709	EP 2003-29	20030103
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	DE 10200386	A1	20030717	DE 2002-10200386	20020108
PRAI	DE 2002-10200386	A	20020108		
RE.CNT	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

=> s l1 and (gene or sequence)

7 FILES SEARCHED...

L4 17 L1 AND (GENE OR SEQUENCE)

=> dup rem l4

PROCESSING COMPLETED FOR L4

L5 6 DUP REM L4 (11 DUPLICATES REMOVED)

=> s l5 not l3

L6 4 L5 NOT L3

=> d 1-4

L6 ANSWER 1 OF 4 MEDLINE on STN
AN 2004286162 MEDLINE
DN PubMed ID: 15148566
TI Utilization of creatinine as an alternative nitrogen source in
Corynebacterium glutamicum.
AU Bendt Anne K; Beckers Gabriele; Silberbach Maike; Wittmann Anja; Burkovski
Andreas
CS Institut fur Biochemie der Universitat zu Koln, Zulpicher-Str. 47, 50674,
Koln, Germany.
SO Archives of microbiology, (2004 Jun) Vol. 181, No. 6, pp. 443-50.
Electronic Publication: 2004-05-18.
Journal code: 0410427. ISSN: 0302-8933.
CY Germany: Germany, Federal Republic of
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200408
ED Entered STN: 10 Jun 2004
Last Updated on STN: 1 Sep 2004
Entered Medline: 31 Aug 2004

L6 ANSWER 2 OF 4 BIOTECHDS COPYRIGHT 2006 THE THOMSON CORP. on STN
AN 1995-11089 BIOTECHDS
TI Novel DNA encoding ***creatinine*** - ***deaminase*** ;
Bacillus sp. ***gene*** cloning and expression in e.g. Escherichia
coli using a plasmid vector
PA Toyobo
PI JP 07143881 6 Jun 1995
AI JP 1993-275482 4 Nov 1993
PRAI JP 1993-275482 4 Nov 1993; JP 1993-245285 30 Sep 1993
DT Patent
LA Japanese
OS WPI: 1995-236463 [31]

L6 ANSWER 3 OF 4 EMBASE COPYRIGHT (c) 2006 Elsevier B.V. All rights
reserved on STN
AN 97136991 EMBASE
DN 1997136991
TI An evolutionary treasure: Unification of a broad set of amidohydrolases
related to urease.
AU Holm L.; Sander C.

CS Dr. L. Holm, EMBL-EBI, Wellcome Trust Genome Campus, Cambridge CB 10 1SD,
United Kingdom
SO Proteins: Structure, Function and Genetics, (1997) Vol. 28, No. 1, pp.
72-82. .
Refs: 40
ISSN: 0887-3585 CODEN: PSFGEY
CY United States
DT Journal; Article
FS 004 Microbiology
029 Clinical Biochemistry
LA English
SL English
ED Entered STN: 29 May 1997
Last Updated on STN: 29 May 1997

L6 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN
AN 2002:96427 HCAPLUS
DN 137:137009
TI Biosensor chips
AU Tamitani, Eiichi; Murakami, Yuji
CS Department of Material Sciences, Nara Institute of Sciences and
Technology, Japan
SO BME (2001), 15(10), 8-16
CODEN: BMEEEV; ISSN: 0913-7556
PB Nippon ME Gakkai
DT Journal; General Review
LA Japanese

=> dis his

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FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS,
NTIS, ESBIODBASE, BIOTECHNO, WPIDS' ENTERED AT 20:14:34 ON 31 MAY 2006

L1 346 S CREATININE (W) (DEIMINASE OR DEAMINASE)
L2 5 S L1 AND TISSIERELLA
L3 2 DUP REM L2 (3 DUPLICATES REMOVED)
L4 17 S L1 AND (GENE OR SEQUENCE)
L5 6 DUP REM L4 (11 DUPLICATES REMOVED)
L6 4 S L5 NOT L3

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